

What is claimed is:

1. A biological stimulant for use in bioremediation via enhanced reductive dehalogenation, comprising:

Lactose; and

5        Brewer's Yeast;

wherein said biological stimulant acts as an electron donor in said reductive dehalogenation.

2. The biological stimulant of claim 1, wherein said Lactose comprises approximately 40% to 85% by weight of said biological stimulant.

10    3. The biological stimulant of claim 1, wherein said Brewer's Yeast comprises approximately 60% to 15% by weight of said biological stimulant.

4. The biological stimulant of claim 1, wherein said Lactose comprises approximately 70% by weight of said biological stimulant, and wherein said Brewer's Yeast comprises approximately 30% by weight of said biological stimulant.

15    5. The biological stimulant of claim 1, said biological stimulant further comprising fatty acids.

6. The biological stimulant of claim 1, said biological stimulant further comprising vegetable oil.

20    7. The biological stimulant of claim 6, said biological stimulant further comprising fatty acids.

8. A biological stimulant for use in bioremediation via enhanced reductive dehalogenation, comprising:

Lactose;

Brewer's Yeast; and

vegetable oil, said vegetable oil coating said Lactose and said Brewer's Yeast;

wherein said biological stimulant acts as an electron donor in said reductive  
dehalogenation and said vegetable oil coating reduces said biological stimulant's aqueous  
5 solubility.

9. The biological stimulant of claim 8, said biological stimulant further comprising fatty  
acids.

10. The biological stimulant of claim 8, wherein said Lactose comprises approximately  
40% to 85% by weight of said biological stimulant.

10 11. The biological stimulant of claim 1, wherein said Brewer's Yeast comprises  
approximately 60% to 15% by weight of said biological stimulant.

12. A biological stimulant for use in bioremediation via enhanced reductive  
dehalogenation, comprising:

a biodegradable sugar; and

15 Brewer's Yeast;

wherein said biological stimulant acts as an electron donor in said reductive  
dehalogenation.

13. The biological stimulant of claim 12, wherein said biodegradable sugar further  
comprises a sugar selected from the group consisting of Lactose, Dextrose, and Sucrose.

20 14. The biological stimulant of claim 12, wherein said biological stimulant further  
comprises fatty acids.

15. The biological stimulant of claim 12, wherein said biological stimulant further comprises vegetable oil, and wherein said vegetable oil coats said biodegradable sugar and said Brewer's Yeast.

16. The biological stimulant of claim 15, wherein said biological stimulant further  
5 comprises fatty acids.

17. The biological stimulant of claim 12, wherein said Lactose comprises approximately 40% to 85% by weight of said biological stimulant.

18. The biological stimulant of claim 12, wherein said Brewer's Yeast comprises approximately 60% to 15% by weight of said biological stimulant.

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